

ABSTRACT OF THE DISCLOSURE

A hydraulic brake apparatus includes a brake master cylinder having a rod piston moving in response to a brake pedal; a separation valve provided in a hydraulic brake circuit in order to establish and shut off communication between the brake master cylinder and the brake wheel cylinders; a pressure control valve unit for controlling fluid pressure to be supplied from an external fluid-pressure supply source to the brake wheel cylinders while the separation valve is in a shutoff condition; and a stroke simulator mechanism for allowing an idle stroke of the rod piston so as to ensure a stroke of the brake pedal in accordance with an input load to the brake pedal. An orifice is provided in a passage which establishes, during the idle stroke of the rod piston, communication between a pressure chamber and an atmospheric pressure chamber which are defined within the brake master cylinder by means of the rod piston.